

t s1/25/1

1/25/1

DIALOG(R) File 351:Derwent WPI
(c) 2001 Derwent Info Ltd. All rts. reserv.

009246817 **Image available**

WPI Acc No: 1992-374234/199246

XRPX Acc No: N92-285236

Specimen transfer mechanism for placing specimens in vacuum chambers -
has transport plug, specimen container and support in container joined
via bayonet connectors

Patent Assignee: FORSCHUNGSZENT JUELICH GMBH (KERJ); FORSCHUNGSZENTRUM
JUELICH GMBH (KERJ)

Inventor: MORITZ H

Number of Countries: 001 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Week
DE 4114427	A	19921105	199246 B
DE 4114427	C2	19950126	199508

Local Applications (No Type Date): DE 4114427 A 19910503; DE 4114427 A
19910503

Priority Applications (No Type Date): DE 4114427 A 19910503

Abstract (Basic): DE 4114427 A

The specimen transfer mechanism includes a transport plug (3)
rigidly attached to a rod which can be inserted into the chamber. A
specimen container (2) with electrical connections can be attached to
the plug. A support (1) inside the chamber for the specimen container
has electrical counter-connections.

The plug and container and the container and supports are
connected via bayonet connections (14,11) with opposite rotation
directions. The contacts are contact lips and corresp. counter pieces,
which are made by applying radial forces when rotating the bayonet
connections during opening and closing.

USE/ADVANTAGE - E.g. for use in semiconductor manufacturing and
research. Transfer mechanism is easy to use and eliminates centering
difficulties.

Dwg.1/6

?